

Anti-ZBED4 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Pig,Horse)
Molecular Weight:	Theoretical: 130 kDa. Actual: 135 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: U2os (Human) Cell Lysate at 40 µg Primary: Anti-ZBED4 (TMAB-14242) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 130 kD
	2. Sample: U251 (Human) Cell Lysate at 40 µg Primary: Anti-ZBED4 (TMAB-14242) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 130 kD Observed band size: 135 kD
	Application: WB
	Recommended WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ZBED4
Antigen Species:	Human
Gene ID:	9889
Uniprot ID:	O75132

Research Background

The zinc finger BED domain-containing protein family (ZBED) is comprised of ZBED1, ZBED2, ZBED3, ZBED4 and ZBED5. They each contain one BED-type zinc finger domains with the exception of ZBED4, which contain 4 BED-type zinc finger domains. ZBED1 is thought to function as a transcription factor that regulates a number of ribosomal protein (RP) encoded genes by binding specifically to 5'-TGTCG[CT]GA[CT]A-3' DNA regions found in RP promoters. ZBED3 is an Axin-binding protein involved in Wnt/beta-catenin signaling modulation. ZBED4 expression has been shown in human and mouse retinas where it is thought to act as a regulatory protein in cone photoreceptors and Müller cells. The functions of ZBED2 and ZBED5 have yet to be elucidated.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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